Form PTO-1449 (Rev. 8-83) (modified)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. 13020US02

SERIAL NO. 10/679,766

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT(s): Ancimer et al.

FILING DATE October 6, 2003 GROUP ART UNIT:

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,694,802	09/87	Lowi, Jr.	123	431	
V I		4,768,481	09/88	Wood	123	254	
		5,060,610	10/91	Paro	123	300	
		5,205,254	4/93	Ito et al.	123	305	•
		5,482,016	1/96	Ohishi et al.	123	299	
	2	5,832,880	11/98	Dickey	123	25	
		5,875,743	03/99	Dickey	123	25	
		5,996,558	12/99	Ouellette et al.	123	506	
		6,032,617	03/00	Willi et al.	123	27	
		6,095,102	08/00	Willi et al.	123	27	
		6,202,601	03/2001	Ouellette et al.	123	27 GE	
		6,386,177	05/2002	Urushihara et al.	123	299	
		6,412,469	07/2002	Itoyama et al.	123	299	
		6,484,689	11/2002	Hasegawa	123	299	
		6,491,016	12/2002	Buratti	123	299	

		FOREIGN PAT	ENT DOCU	MENTS			
EXAMINER	DOCUMENT NO.	PUBLICATION	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
INITIAL		DATE				YES	NO
	WO 98/10179	03/98	PCT				
17	WO 00/28197	05/00	PCT				
	WO 00/28198	05/00	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)				
Q4	Thring et al., "The Stratified Charge Glowplug Ignition (SCGI) Engine with Natural Gas			
1 7	Fuel," SAE Technical Paper Series 911767, 1991.			
	Yonetani et al., "Hybrid Combustion Engine With Premixed Gasoline Homogeneous			
at a	Charge And Ignition By Injected Diesel Fuel – Exhaust Emission Characteristics," SAE			
	Technical Paper Series 940268, pp. 1451-61, February, 1994.			

EXAMINER

DATE CONSIDERED:

*EXAMINER: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (Rev. 8-83) (modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 13020US02	SERIAL NO. 10/679,766
l'	ION DISCLOSURE CITATION se several sheets if necessary)	APPLICANT(s): Ancimer et al.	
	O 20 MON SE	FILING DATE October 6, 2003	GROUP ART UNIT:
	TEAT TO ADELLE		

	CENTA TRAD			
	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	Suzuki et al., "Exhaust Purification of Diesel Engines by Homogeneous Charge with			
JA-	Compression Ignition Part 1: Experimental Investigation of Combustion and Exhaust			
	Emission Behavior Under Pre-Mixed Homogenous Charge Compression Ignition			
	Method," SAE Technical Paper Series 970313, February, 1997.			
	Ishii et al., "Exhaust Purification of Diesel Engines by Homogenous Charge with			
1	Compression Ignition Part 2: Analysis of Combustion Phenomena and NOx Formation			
	by Numerical Simulation with Experiment," SAE Technical Paper Series 970315,			
	February, 1997.			
	Smith et al., "Modeling of Homogenous Charge Compression Ignition (HCCI) of			
	Methane," Lawrence Livermore National Laboratory UCRL-JC-127387, May, 1997.			
	Christensen et al., "Homogenous Charge Compression Ignition (HCCI) Using Isooctane,			
	Ethanol and Natural Gas- A Comparison with Spark Ignition Operation," SAE Technical			
	Paper Series 972874, October, 1997.			
	Suzuki et al., "Combustion Control Method of Homogenous Charge Diesel Engines,"			
	SAE Technical Paper Series 980509, February, 1998.			
Christensen et al., "Supercharged Homogenous Charge Compression Ignition				
	Technical Paper Series 98087, February, 1998.			
	Christensen et al., "Influence of Mixture Quality on Homogenous Charge Compression			
	Ignition," SAE Technical Paper Series 982454, October, 1998.			
\	Christensen et al., "Homogenous Charge Compression Ignition with Water Injection,"			
	SAE Technical Paper Series 1999-01-0182, March, 1999.			
	Flowers et al., "HCCI in a CFR Engine: Experiments and Detailed Kinetic Modeling,"			
	SAE Technical Paper Series 2000-01-0328, March, 2000.			
	Chen et al., "Experimental Study of Cl Natural-Gas/DME Homogenous Charge Engine,"			
	SAE Technical Paper Series 2000-01-0329, March, 2000.			
	Olsson et al., "Experiments and Simulation of a Six-Cylinder Homogenous Charge			
	Compression Ignition (HCCI) Engine," SAE Technical Paper Series 2000-01-2867,			
	October, 2000.			
	Martinez-Frias et al., "HCCI Engine Control by Thermal Management," SAE Technical			
,	Paper Series 2000-01-2869, October, 2000.			
	Kontarakis et al., "Demonstration of HCCI Using a Single Cylinder Four-Stroke SI			
	Engine with Modified Valve Timing," SAE Technical Paper Series 2000-01-2870,			
	October, 2000.			

EXAMINER		DATE CONSIDERED:
LARMINER	KWM	7/15/2004
*EXAMINER: Initi	al citation considered, whether or not citation is in con	oformance with MPEP 609: Draw line through citation if not in conformance and not

considered. Include copy of this form with next communication to applicant.

eat 2 of 2

1